

[LN 1018]

OCTOBER 2018

Sub. Code: 5025

**MASTER OF HOSPITAL ADMINISTRATION EXAMS**  
**(Regulations for the candidates admitted from 2017-2018)**  
**FIRST YEAR**  
**PAPER V – PRINCIPLES OF EPIDEMIOLOGY AND COMMUNITY**  
**MEDICINE**

*Q.P. Code : 435025*

**Time : Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Describe the steps of our break investigation.  
b) Define Incubation period and generation time.  
c) Illustrate and write a brief note on chains of transmission.
2. a) Describe the stages of demography cycle.  
b) List the vital statistics and fertility indicators of demography.  
c) Classify the approved methods of contraception in RMCHA+ program.  
d) Write a note on intrauterine contraceptive devices.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Write a note on carriers with respect to Infectious disease epidemiology.
2. Describe the different measures of disease frequency.
3. Write a note on epidemiological triad of disease and explain in brief about agent host interaction.
4. Write a note on Bradford Hill's criteria of causation.
5. Write a note on International Classification of Diseases.
6. Categorization of dog bites and its management to prevent rabies.
7. List the different methods of emergency contraception.
8. Write a note on National Health Policy.
9. Illustrate and describe natural history of disease.
10. Explain the epidemiology and prevention of measles.

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